SR130 SR210
SR160 SR240
SR175 SV185
SV280
Tier 4B (final)
Alpha Series Skid Steer Loader
PIN NHM435463 and above

TR270
TR310
TV370
Tier 4B (final)
Alpha Series Compact Track Loader
PIN NHM435463 and above

OPERATOR'S MANUAL

Part number 48068161
1st edition English
August 2017

CASE CONSTRUCTION

MidWestTech | Case SR130, SR210, SR160, SR240, SR175, SV185, SV280, TR270, TR310, TV370 Tier 4B Skid Steer Loader Operator's Manual | Publication 48068161
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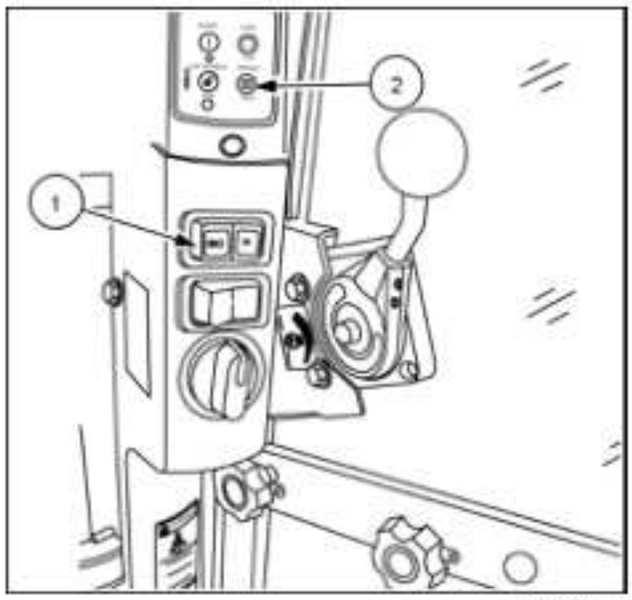
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ISO or H pattern control switch

On machines with ISO or H drive, switch **(1)** determines which drive system the machine is operating. ISO drive (single lever controls drive) or H drive (traditional 2 lever drive control).



Switching from ISO to H pattern

1. Make sure that the machine is on level ground, lower the loader lift arms all the way down, and place the throttle control lever in the low idle position.
2. Press the OPERATE button **(2)**.
   - The Park light will illuminate.
   - The ground drive and loader hydraulics will not function.
3. Confirm that the AUX roller switch on the right-hand control lever is in the neutral position.

   NOTE: *The AUX roller switch must be in neutral to change the pattern.*
4. Push and hold the ISO - H pattern select switch **(1)** to the desired pattern for a few seconds. An audible alarm will sound to let you know that the pattern switch is successful.
5. Reference the text display to confirm the change of the control pattern. The switch will illuminate only on the selected side.
6. Activate the hydraulic system by pressing the OPERATE button **(2)**.

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EVERY 250 HOURS

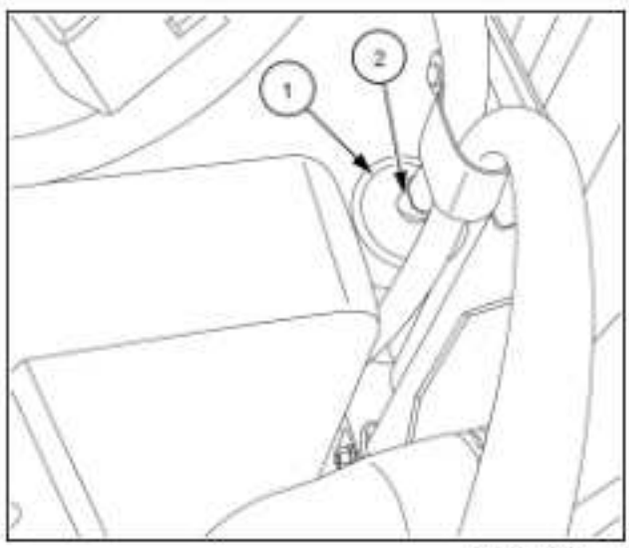
In-line fuel filter (models SR130 and SR160 only)

The in-line fuel filter **(1)** should be replaced every 250 hours of operation.

Models SR130 and SR160 only

Removal

1. Place the machine on a firm, level surface.
2. Turn off engine.
3. Open the engine hood and rear service door. Engage the rear service door latch located near the lower hinge. The in-line fuel filter is located to the right near the coolant reservoir.
4. Loosen and slide the clamps **(2)** away from both sides of the in-line fuel filter **(1)**.
5. Grab the fuel hose with one hand and the filter with the other. Twist and pull away from each other to remove the filter from the hose. Repeat procedure for the other side.



Installation

1. Grab the fuel hose with one hand and the filter with the other. Push the fuel hose onto the fuel filter. Repeat procedure for the other side.

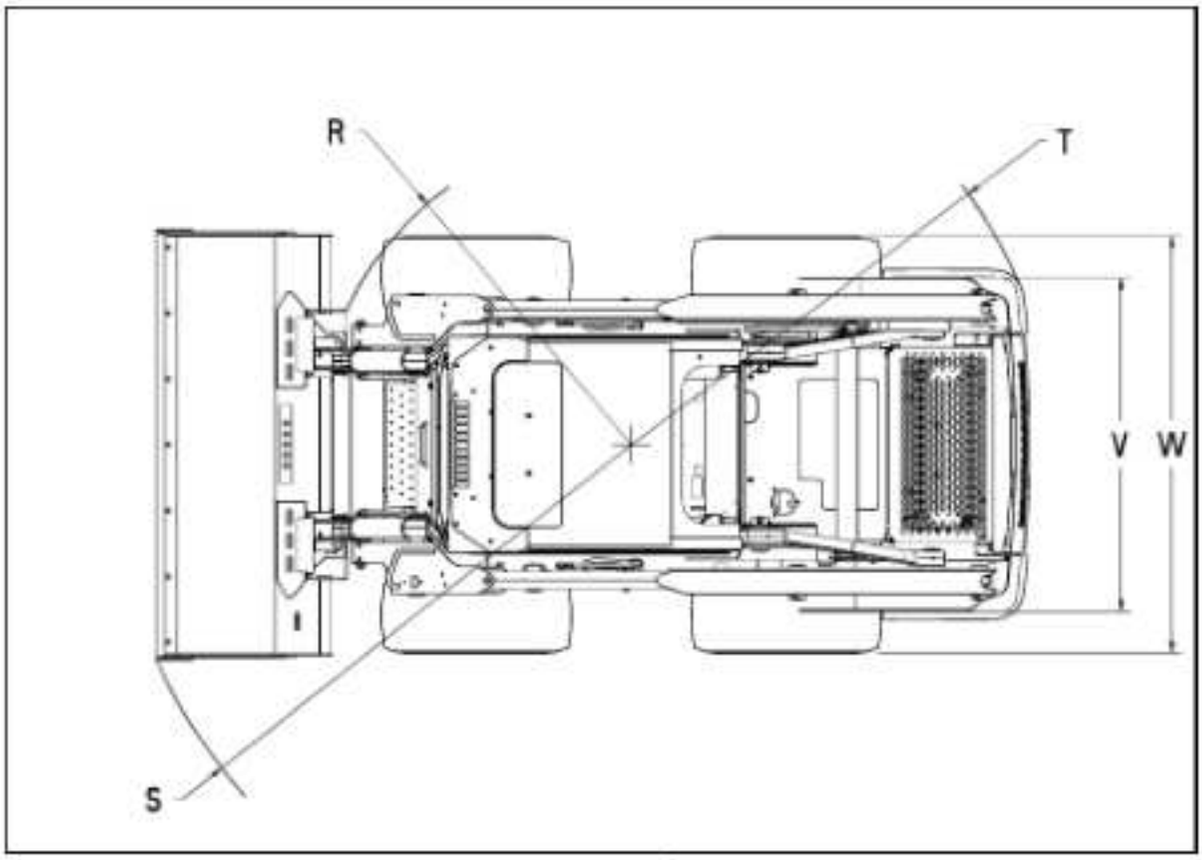
NOTE: *Be sure the arrow marked on the filter is facing in the same direction as the old filter.*

2. Slide the clamps in place on each end of the fuel filter and tighten.

NOTICE: *Do not start the engine until you purge the air from the fuel system.*

3. Press the POWER button or turn the key switch to the RUN position. Wait approximately one minute to allow the fuel pump to purge air from the fuel system.
4. Start the engine.
5. Inspect the area around the in-line filter for leaks.
6. Unlatch and close rear service door and close engine hood.

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RAIL14SSLON32FA S

MEDIUM RADIAL FRAME WHEEL UNITS (SR210)

ITEM	COMPONENT	MEASUREMENT
R	Clearance circle radius without tool	**1311.0 mm (51.6 in)**
S	Clearance circle radius with **1828.8 mm (72.0 in)** DF bucket	**2034.0 mm (80.1 in)**
S	Clearance circle radius with **1828.8 mm (72.0 in)** LP bucket	**2127.0 mm (83.7 in)**
S	Clearance circle radius with **1828.8 mm (72.0 in)** LPE bucket	**2243.0 mm (88.3 in)**
T	Clearance circle radius rear	**1599.0 mm (63.0 in)**
V	Over the tire width	**1448.0 mm (57.0 in)**
W	Overall width	**1755.0 mm (69.1 in)**
Operating weight		**3300 kg (7275 lb)**
SAE Rated Operating Capacity (ROC)		**905 kg (1995 lb)**
Tipping load		**1814 kg (3999 lb)**
Counter weight (optional)		**63.8 kg (140.7 lb)**
Cab side glass (optional)		**21.3 kg (47.0 lb)**
Cab glass door (optional)		**34.0 kg (75.0 lb)**
Cab Lexan door (optional)		**34.0 kg (75.0 lb)**
Suspension seat (optional)		**10.0 kg (22.0 lb)**

NOTE: *Measurements are based on machines with 12 x 16.5 tires and a* ***1829 mm (72 in)*** *Dirt & Foundry (DF) bucket.*

NOTE: *Clearance Circle Radius (R, S, T) values were calculated using a 50/50 weight distribution (center point of counter rotation centered between the axles) and with the bucket resting flat on ground.*

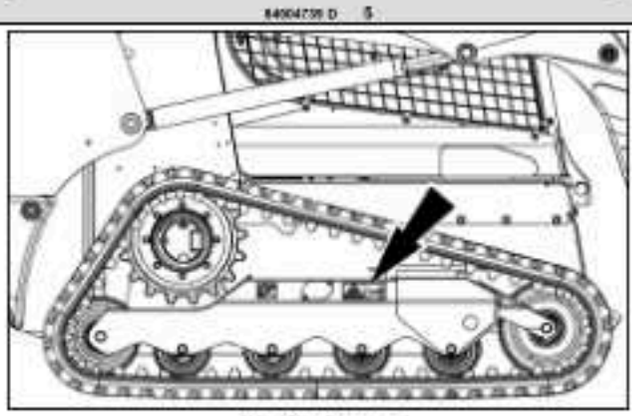
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CAUTION
Flying debris. Stay clear. Failure to comply could result in minor or moderate injury.

Quantity: 2
Part number: 84004739



Location:
On the track debris guard. One on each side of the machine.



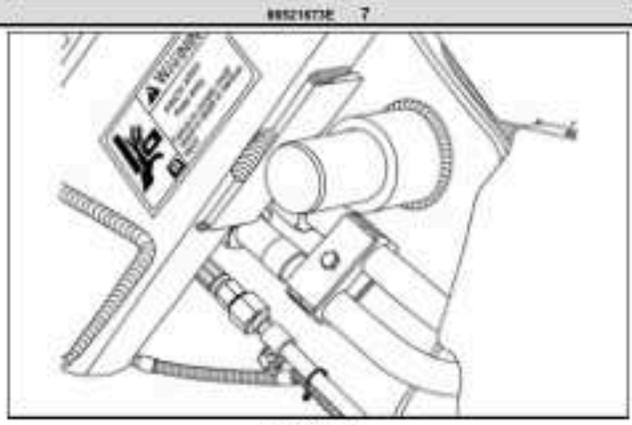
NOTE: *Only applicable to Compact Track Loaders (CTL) models TR270, TR310, and TV370.*

WARNING
PINCH AREA Keep away. Failure to comply could result in death or serious injury.

Quantity: 1
Part number:
English 86521673
Pictorial 86531262



Location:
On the left-hand side of the boom where it rests against the lift arm support pin.



NOTE: *Only applicable to models SV185, SV280, and TV370.*

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